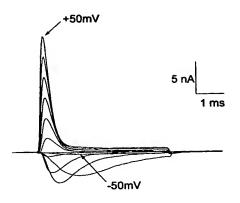


Figure 1

Fig. 2A



Nav1.4-wild-type + β1

Fig. 2B

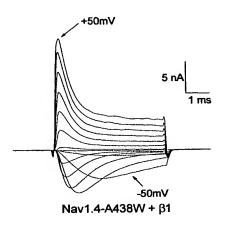


Fig. 2C

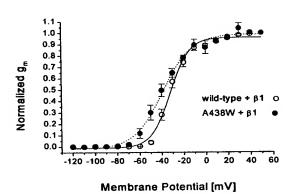


Figure 2

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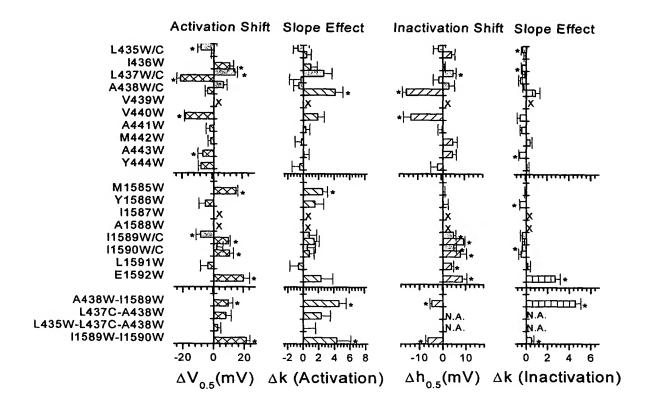


Figure 3

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## **Fraction Non-Inactivating Current**

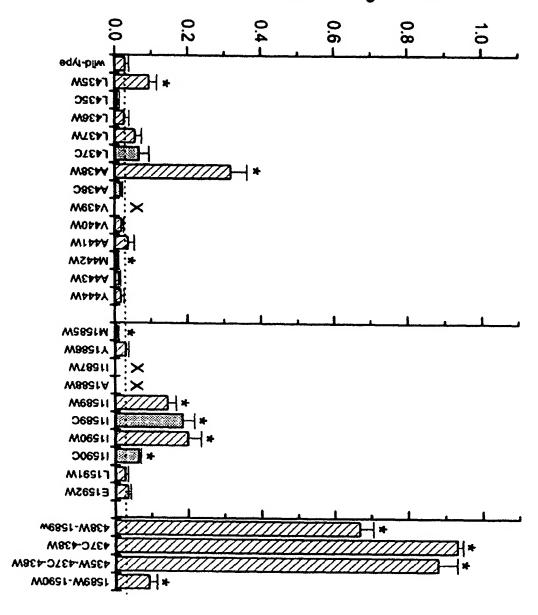


Figure 4

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Fig. 5A

2 nA

1 ms

wild-type + β1

Fig. 5B

A438W + β1

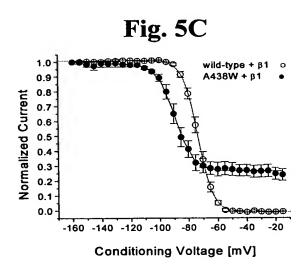


Figure 5

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Fig. 6A

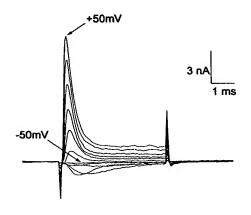


Fig. 6B

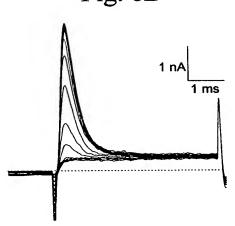


Fig. 6C

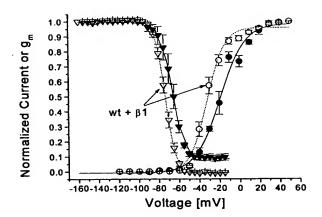
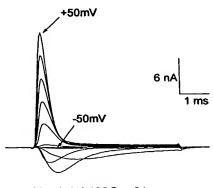


Figure 6

Fig. 7A



Nav1.4-A438C + β1

Fig. 7B

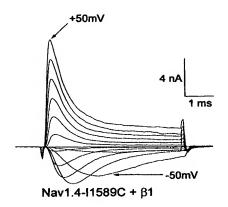


Fig. 7C

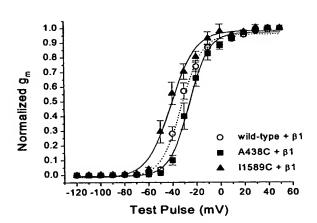


Figure 7

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Fig. 8A

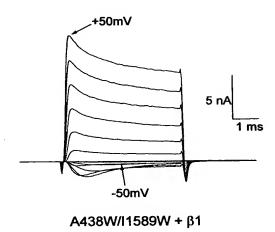


Fig. 8B

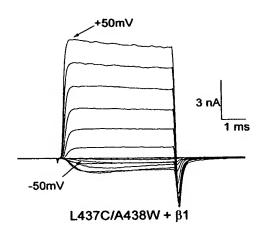


Fig. 8C

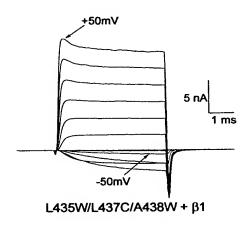


Fig. 8D

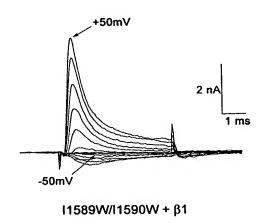
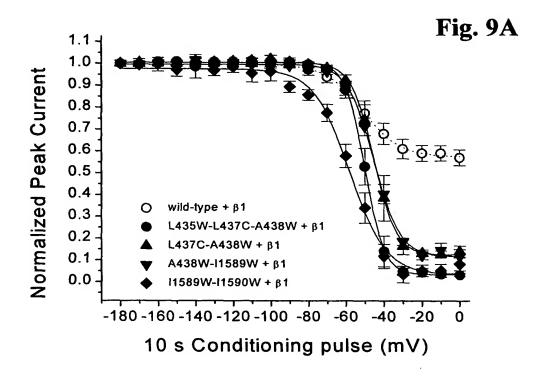


Figure 8

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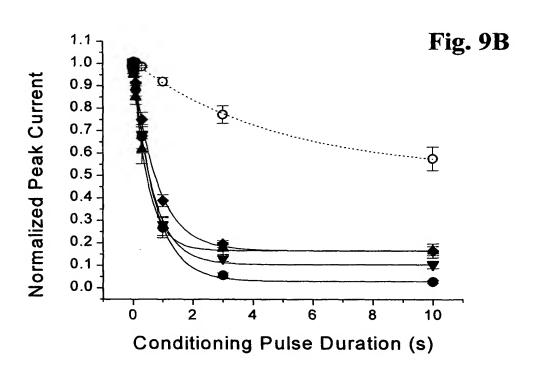


Figure 9

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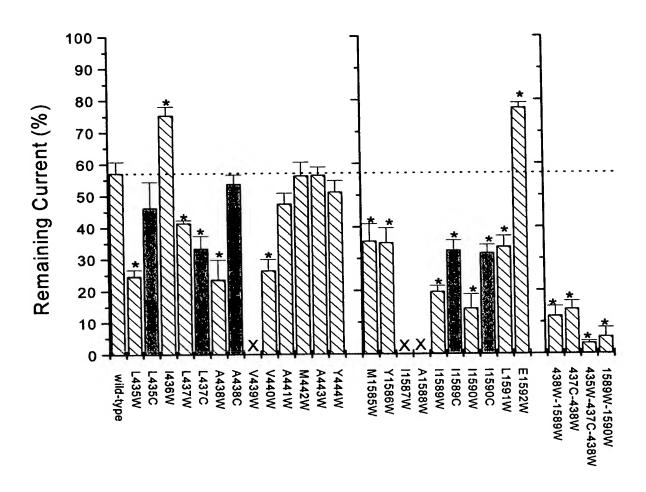


Figure 10

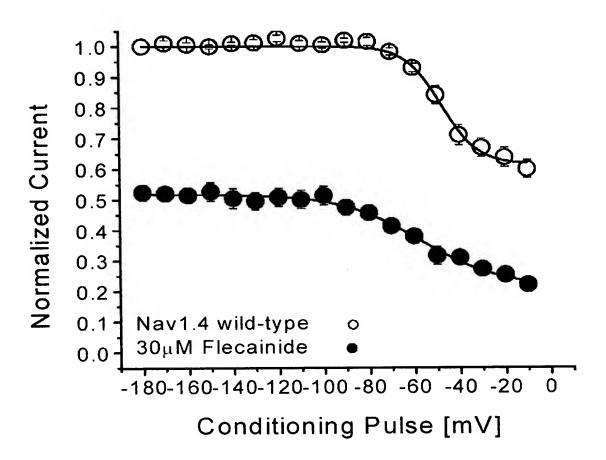


Figure 11

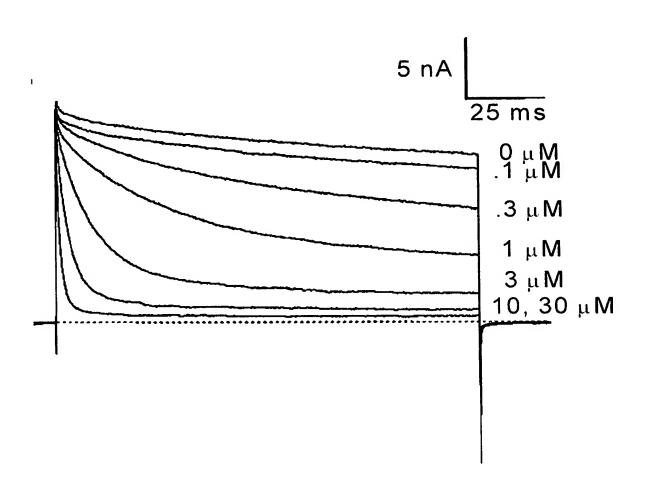


Figure 12

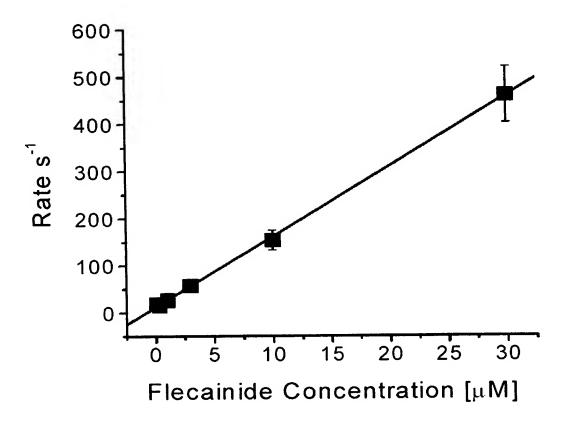


Figure 13